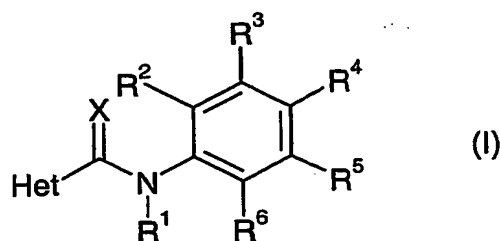


CLAIMS

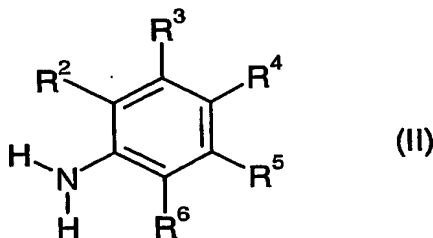
1. A compound of formula (I):



- 5 where Het is a 5- or 6-membered heterocyclic ring containing one to three heteroatoms, each independently selected from oxygen, nitrogen and sulphur, the ring being substituted by groups  $R^7$ ,  $R^8$  and  $R^9$ ;  $R^1$  is hydrogen, optionally substituted (C<sub>1-4</sub>)alkyl, optionally substituted (C<sub>1-4</sub>)alkylC(=O), optionally substituted (C<sub>1-4</sub>)alkylC(=O)O, optionally substituted (C<sub>1-4</sub>)alkoxy(C<sub>1-4</sub>)alkyl, optionally substituted allyl, optionally substituted propargyl or optionally substituted allenyl;  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  are each, independently, hydrogen, halogen, optionally substituted (C<sub>1-4</sub>)alkyl, optionally substituted (C<sub>1-4</sub>)alkoxy or optionally substituted (C<sub>1-4</sub>)alkoxy(C<sub>1-4</sub>)alkyl;  $R^6$  is an organic group containing three to thirteen carbon atoms and at least one silicon atom and, optionally, one to three heteroatoms, each independently selected from oxygen, nitrogen and sulphur, and is optionally substituted by one to four independently selected halogen atoms;  $R^7$ ,  $R^8$  and  $R^9$  are each, independently, hydrogen, halogen, C<sub>1-3</sub> alkyl, C<sub>1-3</sub> haloalkyl, C<sub>1-3</sub>alkoxy(C<sub>1-3</sub>)alkyl or cyano, where at least one of  $R^7$ ,  $R^8$  and  $R^9$  is not hydrogen; and X is O or S; or an N-oxide thereof; and when present, each optional substituent on alkyl moieties, allyl, propargyl and allenyl is, independently, selected from halogen, hydroxy, cyano, methoxycarbonyl, ethoxycarbonyl, methoxy, ethoxy, methylsulfonyl, ethylsulfonyl, difluoromethoxy, trifluoromethoxy and trifluorothiomethoxy.
- 25 2. A compound of formula (I) as claimed in claim 1 where  $R^1$  is hydrogen, propargyl, allenyl, CH<sub>3</sub>C(=O), C<sub>2</sub>H<sub>5</sub>C(=O) or CH<sub>3</sub>OCH<sub>2</sub>C(=O).

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3. A compound of formula (I) as claimed in claims 1 or 2 where  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  are each, independently, selected from hydrogen, halogen, methyl, trifluoromethyl and trifluoromethoxy.
- 5
4. A compound of formula (I) as claimed in claims 1, 2 or 3 where Het is pyrazolyl, pyrrolyl, thiophenyl, furyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, triazolyl, pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl, 5,6-dihydropyran or 5,6-dihydro-1,4-oxathiinyl; each being substituted by groups  $R^7$ ,  $R^8$  and  $R^9$ .
- 10
5. A compound of formula (I) as claimed in claims 1, 2, 3 or 4 where  $R^6$  is an aliphatic, saturated or unsaturated group containing three to thirteen carbon atoms and at least one silicon atom and, optionally, one to three heteroatoms, each independently selected from oxygen, nitrogen and sulphur, and is optionally substituted by one to four independently selected halogen atoms.
- 15
6. A compound of formula (I) as claimed in claims 1, 2, 3, 4 or 5 where  $R^7$ ,  $R^8$  and  $R^9$  are each, independently, hydrogen, halogen, methyl,  $CF_3$ ,  $CF_2H$ ,  $CH_2F$ ,  $CF_2Cl$  or  $CH_2OCH_3$ ; where at least one of  $R^7$ ,  $R^8$  and  $R^9$  is not hydrogen.
- 20
7. A compound of formula (I) as claimed in claims 1, 2, 3, 4, 5 or 6 where X is oxygen.
8. A compound of formula (II):



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where  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  are each, independently, hydrogen, halogen,  $CH_3$ ,  $CF_3$  or  $OCF_3$ ;  $R^6$  is  $(CHR^{10})(CR^{11}R^{12})_rSi(R^{13})(R^{14})(R^{15})$ ;  $r$  is 0, 1, 2 or 3;  $R^{10}$  is  $C_{1-3}$  alkyl or  $C_{1-3}$  haloalkyl; and when  $r$  is 2 or 3 or when at least one of the  $R^{11}$  and  $R^{12}$  moieties is not hydrogen, then  $R^{10}$  may also be hydrogen; each  $R^{11}$  and each  $R^{12}$  is, independently, chosen from hydrogen, halogen,  $C_{1-3}$  alkyl and  $C_{1-3}$  haloalkyl; or  $R^{10}$  and  $R^{11}$  on adjacent carbon atoms or two  $R^{11}$  moieties on adjacent carbon atoms may together be a double bond;  $R^{13}$  and  $R^{14}$  are, independently, methyl or ethyl; and  $R^{15}$  is  $C_{1-6}$  alkyl,  $C_{1-4}$  alkoxy( $C_{1-4}$ )alkyl,  $C_{1-3}$  haloalkyl,  $C_{2-6}$  alkenyl or  $C_{1-6}$  alkoxy; provided that  $R^6$  is such that its total number of carbon atoms is 5-13, its total number of halogen atoms is 0-4 and its total number of heteroatoms is 0-3; and provided that when  $R^{10}$ ,  $R^{13}$ ,  $R^{14}$  and  $R^{15}$  are each  $CH_3$  and  $r$  is 0, then  $R^2$ ,  $R^3$ ,  $R^4$  and  $R^5$  are not all hydrogen.

9. A composition for controlling microorganisms and preventing attack and infestation of plants therewith, wherein the active ingredient is a compound of formula (I) as claimed in claim 1 together with a suitable carrier.
10. A method of controlling or preventing infestation of cultivated plants by phytopathogenic microorganisms by application of a compound of formula (I) as claimed in claim 1 or a composition as claimed in claim 9 to plants, to parts thereof or the locus thereof.